

Converting Colors

YUV(46.1130, -14.8457, 1.6549)

Have a look what the booklet for
YUV(46.1130, -14.8457, 1.6549)
contains.

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Color

**YUV(46.1130, -14.8457,
1.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	303310
RGB	48, 51, 16
RGB Percent	19%, 20%, 6%
CMY	0.8118, 0.8000, 0.9373
CMYK	0.06, 0.00, 0.69, 0.80
HSL	65°, 52%, 13%
HSV	65°, 69%, 20%
XYZ	2.4963, 3.0334, 0.9442
YIQ	46.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

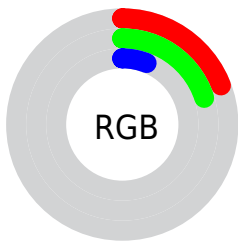
Format	Color
RYB	16, 51, 19
Decimal	3158800
CIELab	20.18, -7.31, 21.28
CIELCh	20, 22.505, 108.963
Yxy	3.0334, 0.3856, 0.4686
Android (android.graphics.Color)	4281348880 (0xFF303310)
YUV	46.1130, -14.8457, 1.6549
Hunter-Lab	17.4168, -4.8957, 8.9777

Details

The YUV color **46.1130, -14.8457, 1.6549** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.8870, 14.8457, -1.6549**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0700, -16.3035, 2.5696**, and **0.5870, -0.2894, -0.5148** is the 20% darker color. If you saturate the color by 10%, you get **45.5430, -17.0297, 2.1548**, and if you desaturate by 10%, it is **46.6830, -12.6617, 1.1550**.

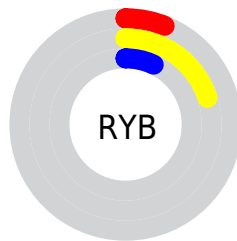
Distribution



Red (19%)

Green (20%)

Blue (6%)



Red (6%)

Yellow (20%)

Blue (7%)

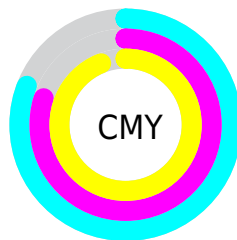


Cyan (6%)

Magenta (0%)

Yellow (69%)

Black (80%)



Cyan (81%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1130, -14.8457, 1.6549 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 46.1130, -14.8457, 1.6549 by changing the saturation by 10% instead.

46.1130, -14.8457,
1.6549

46.1130, -14.8457,
1.6549

253.5180, -5.6784,
1.2997

25.9820, -12.8091,
1.7698

92.0700, -16.3035,
2.5696

0.5870, -0.2894,
-0.5148

116.9560,
-16.7403, 2.6696

0.0000, 0.0000,
0.0000

142.7280,
-17.6139, 2.8695


169.0270,
-17.7613, 3.4843


196.7990,
-18.6349, 3.6843


224.6850,


-19.0717, 3.7843


 250.3260,
-17.9087, 4.0991


 46.1130, -14.8457,
1.6549


 46.1130, -14.8457,
1.6549


 45.5430, -17.0297,
2.1548


 46.6830, -12.6617,
1.1550


 44.6740, -19.0663,
2.0399


 47.5520, -10.6251,
1.2699

 44.1040, -21.2503,
2.5398

 48.1220, -8.4411,
0.7700

 43.9900, -21.6871,
2.6398

 48.9910, -6.4046,
0.8849

 49.6750, -3.7838,
0.2850

■ 50.5440, -1.7472,
0.3999

■ 51.1140, 0.4368,
-0.1000

■ 51.6840, 2.6208,
-0.5999

■ 52.5530, 4.6574,
-0.4850

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5490, -16.0467, 13.5505



46.1130, -14.8457, 1.6549



43.9200, -8.8346, -13.0848

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.1130, -14.8457, 1.6549



41.1940, 15.6804, -36.1271



49.5390, 2.6923, 23.2063

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.1130, -14.8457, 1.6549



20.8870, 14.8457, -1.6549

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.2970, 9.7136, 11.1405



46.1130, -14.8457, 1.6549



39.7580, 20.3323, -34.8678

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.1130, -14.8457, 1.6549



40.1850, 9.2758, -35.2422



48.6690, 15.4462, -7.6027



48.6120, -4.7387, 26.6503

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.1130, -14.8457, 1.6549



39.9660, -1.9552, -26.2802



48.6690, 15.4462, -7.6027



49.9130, 5.4659, 20.2473

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.1130, -14.8457, 1.6549



64.1050, -5.9678, 0.7849



28.2260, -6.0274, 19.9728



31.7890, -3.3470, 0.1850



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.1130, -14.8457, 1.6549



58.6480, -22.9975, 2.9397



41.0300, -12.3398, -8.7963



25.3590, -1.1630, -0.3148



76.7610, -37.8432, 4.5946



186.5810, -91.9844, 10.0145

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.8870, 14.8457, -1.6549



19.6510, 22.8501, -2.3249



25.9700, 12.3398, 8.7963



23.3420, 1.3104, -0.2999



12.5380, 37.6958, -3.9798



30.4190, 91.9844, -10.0145

Previews

White Background



This preview shows how the YUV color 46.1130, -14.8457, 1.6549 looks on a white background.

Color Contrast Check

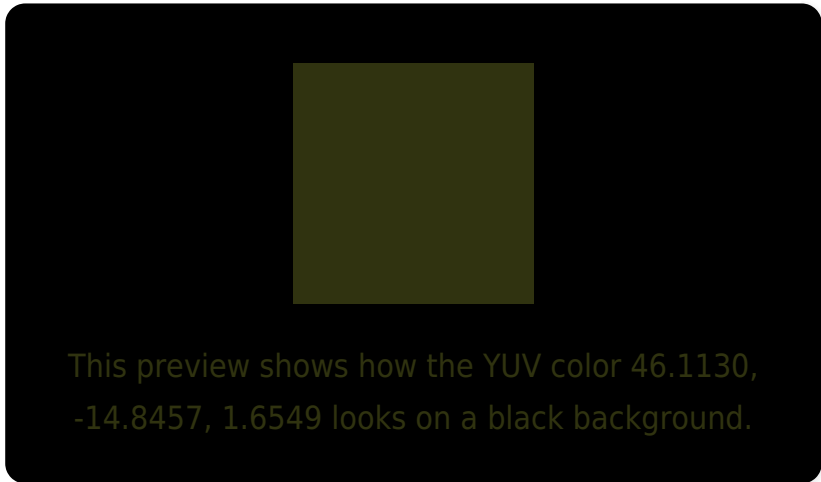
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

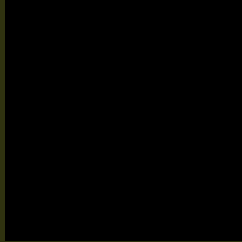
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

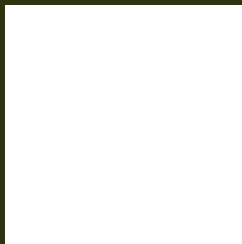
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.1130, -14.8457, 1.6549

Background



This preview shows how black text looks on a background with the YUV color 46.1130, -14.8457, 1.6549.

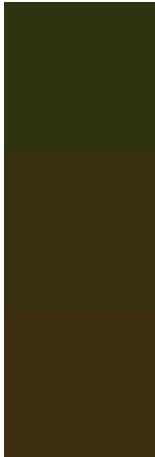


This preview shows how white text looks on a background with the YUV color 46.1130, -14.8457,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.1130, -14.8457, 1.6549

Protanopia

46.9180, -15.7356, 7.0879

Deuteranopia

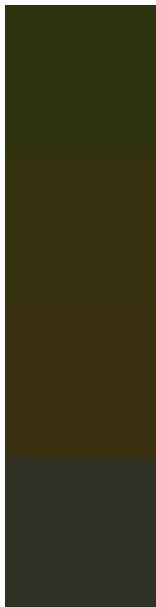
47.2930, -14.4414, 12.0210



Tritanopia

49.2390, 0.8682, 1.5444

Trichromacy



Original Color

46.1130, -14.8457, 1.6549

Protanomaly

46.6080, -15.5827, 4.7288

Deuteranomaly

46.8580, -14.7200, 8.0175

Tritanomaly

48.0450, -4.9522, 1.7145

Monochromacy



Original Color

46.1130, -14.8457, 1.6549

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2190, -5.5310, 0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1130, -14.8457, 1.6549 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(48, 51, 16)` looks like.

```
.text, #text, p{  
    color:rgb(48, 51, 16)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(48, 51, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 51, 16) }
```

Border

The CSS property to change the border of an element to YUV 46.1130, -14.8457, 1.6549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 51, 16) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(48, 51, 16) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(48, 51, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 51, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 51, 16);  
box-shadow:4px 4px 4px 4px rgb(48, 51, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.1130, -14.8457, 1.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 51, 16) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(48, 51,  
16) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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